## **EAST Search History**

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| L7       | 363  | (320/104).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2007/01/12 18:28 |
| L8       | 258  | (320/103).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2007/01/12 18:28 |
| L9       | 112  | (320/140).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2007/01/12 18:28 |
| L10      | 42   | (L7 or L8 or L9) and<br>@pd>="20060602"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/01/12 18:28 |
| L11      | 2137 | (vehicle or automo\$4 or car or transportation) and generator and battery and (((electrical or energy) near2 (storage or storing)) or capacitor) and ((DC\$1DC or DC\$1to\$1DC) or boost or fly\$1back or buck) and (switch or MOSFET or FET or transistor) and (control or micro\$1processor or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/01/12 18:29 |
| L12      | 2004 | L11 and (monitor\$3 or sens\$3 or detect\$3 or measur\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/01/12 18:29 |
| L13      | 933  | L12 and ((vehicle or automo\$4 or car or transportation) and generator and battery and capacitor and (DC\$1DC or DC\$1to\$1DC) and (switch or MOSFET or FET or transistor) and control\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/01/12 18:29 |
| L14      | 95   | L13 and @pd>="20060602"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON .    | 2007/01/12 18:30 |

## **EAST Search History**

| S1 | 333  | (320/104).CCLS.   | US-PGPUB;   | OR | OFF | 2006/06/06 16:07 |
|----|------|---|---|----|-----|------------------|
|    |      |   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              |    |     | , 23, 23         |
| S2 | 2    | ("20040025835").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/06 16:16 |
| S3 | 18   | (("19628877") or ("19846319") or<br>("19917294") or ("10063751") or<br>("2066293") or ("2002066293")).<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/06 16:22 |
| S4 | .2   | ("6384489").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/06 16:22 |
| S5 | 246  | (320/103).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/06 18:34 |
| S6 | 111  | (320/140).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/07 10:32 |
| S7 | 1937 | (vehicle or automo\$4 or car or transportation) and generator and battery and (((electrical or energy) near2 (storage or storing)) or capacitor) and ((DC\$1DC or DC\$1to\$1DC) or boost or fly\$1back or buck) and (switch or MOSFET or FET or transistor) and (control or micro\$1processor or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/07 11:46 |
| S8 | 1815 | S7 and (monitor\$3 or sens\$3 or detect\$3 or measur\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/07 11:46 |
| S9 | 841  | S8 and ((vehicle or automo\$4 or car or transportation) and generator and battery and capacitor and (DC\$1DC or DC\$1to\$1DC) and (switch or MOSFET or FET or transistor) and control\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/07 11:48 |

## **EAST Search History**

| S10 | 174 | S9 and ("320"/\$.ccls. or "307"/\$.<br>ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2006/06/07 11:58 |
|-----|-----|---|---|------|-----|------------------|
| S11 | 78  | S10 and (connection or terminal or connected) and ground  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2006/06/07 11:59 |
| S12 | 53  | S10 and (recuperation or regeneration or regenerative)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR . | ON  | 2006/06/07 12:15 |
| S13 | 4   | (("5552681") or ("5998976")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2006/06/07 12:15 |
| S14 | 15  | ("4692684"   "5334926"  <br>"5378977"   "5418401"   "5483146"<br>  "5731690"   "5798629").PN. OR<br>("6384489").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR   | ON  | 2006/06/07 17:09 |